

1. A synthetic turf surface for simulating golf and other natural grass game playing surfaces formed of a synthetic grass carpet having a flexible base sheet with spaced apart, upright strands of plastic material intended to form artificial grass blades secured to the sheet, and with the strands forming an exposed upper surface and said base sheet being positioned upon a resilient cushion underpad arranged upon a support surface, the improvement comprising:

said underpad being formed of a sheet of a molded, open cell, expanded, resilient polypropylene material formed from polypropylene beads being of density of between about 1.3 to 2.8 pounds per cubic foot and said underpad being of a thickness of between about 1/4 inch to 12 inches;

whereas said carpet and its supporting underpad simulate a portion of a natural grass surface.

9. A synthetic turf surface as defined in claim 1 and including the upper end portions of said strands being shredded into slivers which are matted and intertwined, and with a layer of particulate material applied upon the upper surface of the base sheet and generally beneath the intertwined slivers and substantially filling the interstices between the strands and said layer is covered by said intertwined slivers.

12. A synthetic rooftop or patio or deck surface formed of a synthetic grass carpet having a flexible base sheet with spaced apart, upright strands of plastic material secured to the sheet, and with the strands forming an exposed upper surface and said base sheet being positioned upon a resilient cushion underpad arranged upon a support surface, the improvement comprising:

said underpad being formed of a sheet of a molded, open cell, expanded, resilient polypropylene material formed from polypropylene beads being of density of between about

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1.3 to 2.8 pounds per cubic foot and said underpad being of a thickness of between about 1/4 inch to 12 inches;

whereas said carpet and its supporting underpad simulate a portion of a natural grass surface.

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14. A surface as defined in claim 12, said polypropylene material being formed from polypropylene beads having a density of approximately between about 1.3 and 1.9 pounds per cubic foot and said polypropylene material having a thickness of approximately between about 1 inch to 2 inches whereby the surface resembles a simulated natural grass surface.

15. A surface as defined in claim 12, said polypropylene material being formed from polypropylene beads having a density of approximately 1.9 pounds per cubic foot and said polypropylene material having a thickness of approximately between about 1/2 inch to 1 inch thickness.

16. A surface as defined in claim 12, said polypropylene material being formed from polypropylene beads having a density of approximately 1.3 pounds per cubic foot and said underpad being approximately between about 1 to 2 inches thick.

17. A surface as defined in claim 12, said polypropylene material being formed from polypropylene beads having a density of approximately 1.9 pounds per cubic foot and the thickness of the underpad being approximately between about 1 to 2 inches.

20. A surface as defined in claim 12 and including the upper end portions of said strands being shredded into silvers which are matted and intertwined.

21. A surface as defined in claim 12 and including the upper end portions of said strands being shredded into silvers which are matted and intertwined, and with a layer of particulate material applied upon the upper surface of the base sheet and generally beneath the intertwined slivers and substantially filling the interstices between the strands and said layer is covered by said intertwined slivers.

Please add new claims 23 and 24 as follows:

23. A surface as defined in claim 9, wherein said particulate material is sand.

24. A surface as defined in claim 21, wherein said particulate material is sand.